

# Converting Colors

HunterLab(123.3676, -38.3522,  
20.1001)

Have a look what the booklet for  
HunterLab(123.3676, -38.3522,  
20.1001) contains.

<b>HunterLab(99.4383, -7.2952, 4.7359)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**HunterLab(99.4383, -7.2952,  
4.7359)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F9FFFF
RGB	249, 255, 255
RGB Percent	98%, 100%, 100%
CMY	0.0235, 0.0000, 0.0000
CMYK	0.02, 0.00, 0.00, 0.00
HSL	180°, 100%, 99%
HSV	180°, 2%, 100%
XYZ	92.8769, 98.8798, 108.7983
YIQ	253.2060, -3.5760, -1.2720

# Conversions

## Conversions Part 2

Format	Color
R <sub>Y</sub> B	249, 252, 255
Decimal	16383999
CIE Lab	99.57, -1.96, -0.70
CIE LCh	100, 2.080, 199.592
Yxy	98.8801, 0.3090, 0.3290
Android (android.graphics.Color)	4294574079 (0xFFFF9FFF)
YUV	253.2060, 0.8844, -3.6887
Hunter-Lab	99.4383, -7.2952, 4.7359

# Details

The HunterLab color 99.4383, -7.2952, 4.7359 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 97.9041, -3.2039, 5.9963, and the grayscale version is 99.1979, -5.2930, 5.3896.

A 20% lighter version of the original color is 100.0000, -5.3358, 5.4332, and 74.7013, -5.5657, 3.5292 is the 20% darker color. If you saturate the color by 10%, you get 97.2151, -15.1636, 1.9382, and if you desaturate by 10%, it is 100.0000, -5.3358, 5.4332.

# Distribution



- Red (98%)
- Green (100%)
- Blue (100%)



- Red (98%)
- Yellow (99%)
- Blue (100%)



- Cyan (2%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)



- Cyan (2%)
- Magenta (0%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 99.4383, -7.2952, 4.7359 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 99.4383, -7.2952, 4.7359 by changing the saturation by 10% instead.



99.4383, -7.2952,  
4.7359

99.4383, -7.2952,  
4.7359

235.9054,  
-15.2499, 11.9400

86.8150, -6.5319,  
4.0787

126.3386, -8.8974,  
6.1445

74.7762, -5.7961,  
3.4546

140.5724, -9.7361,  
6.8929

63.3519, -5.0881,  
2.8655

155.3039,  
-10.5986, 7.6693

52.5771, -4.4088,  
2.3138

170.5168,  
-11.4844, 8.4727

42.4937, -3.7592,  
1.8021

186.1964,  
-12.3930, 9.3022

33.1527, -3.1403,  
1.3337

202.3291,

24.6187, -2.5529,

-13.3238, 10.1571

0.9129

218.9026,  
-14.2763, 11.0366

■ 16.9767, -1.9974,  
0.5458

■ 10.3464, -1.4727,  
0.2410

■ 99.4383, -7.2952,  
4.7359

■ 99.4383, -7.2952,  
4.7359

■ 97.2151, -15.1636,  
1.9382

100.0000, -5.3358,  
5.4332

■ 95.2607, -22.2374,  
-0.5737

■ 93.5775, -28.4542,  
-2.7788

■ 92.1646, -33.7667,  
-4.6614

■ 91.0172, -38.1472,  
-6.2124

■ 90.1260, -41.5921,  
-7.4313

■ 89.4767, -44.1257,  
-8.3273

■ 89.0494, -45.8046,  
-8.9209

■ 88.8164, -46.7237,  
-9.2458

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.

99.4385, -7.3815, 5.7753

99.4383, -7.2952, 4.7359

99.4385, -6.6776, 3.8694

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



99.4385, -7.2946, 4.7361



99.4385, -3.6965, 4.1005



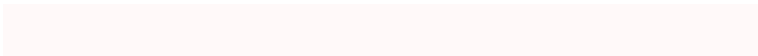
99.4385, -4.9290, 7.3701

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



99.4383, -7.2952, 4.7359



97.9041, -3.2039, 5.9963

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.

99.4385, -3.9372, 6.9316

99.4383, -7.2952, 4.7359

99.4385, -3.2236, 5.0488

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



99.4385, -7.2946, 4.7361



99.4385, -4.6014, 3.4997



99.4385, -3.3119, 6.0846



99.4385, -6.0189, 7.2884



# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



99.4383, -7.2952, 4.7359



99.4385, -6.0471, 3.5097



99.4385, -3.3119, 6.0846




99.4385, -4.5730, 7.2788

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



99.4385, -7.2946, 4.7361



99.7595, -6.1734, 5.1351



99.2470, -8.3482, 7.4682



46.1588, -2.8370, 2.3825

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



99.4385, -7.2946, 4.7361



99.2864, -7.8271, 4.5467



98.4792, -5.7125, 3.6232



45.8480, -3.9241, 1.9957



64.1431, -34.0056, -6.7650



20.0150, -10.6110, -2.1109



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



98.0982, -2.1459, 3.2296



97.5786, -1.2639, 2.6205



98.8540, -4.7943, 7.0753



44.8480, -0.0787, 0.8628



38.5764, 75.8426, -50.8800



12.0372, 23.6656, -15.8764



# Previews

## White Background



This preview shows how the HunterLab color 99.4383, 1.2952, 4.7359 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 99.4383, -7.2952, 4.7359 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

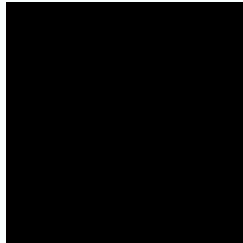
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# HunterLab 99.4383, -7.2952, 4.7359 Background



This preview shows how black text looks on a background with the HunterLab color 99.4383, -7.2952, 4.7359.



This preview shows how white text looks on a background with the HunterLab color 99.4383, -7.2952, 4.7359.



# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

### Original Color

99.4383, -7.2952, 4.7359

### Protanopia

99.3309, -4.4512, 5.1610

### Deuteranopia

99.3309, -4.4512, 5.1610

# Tritanopia

99.5864, -5.1353, 4.9488

# Trichromacy

## Original Color

99.4383, -7.2952, 4.7359

## Protanomaly

99.4596, -5.6410, 5.2918

## Deuteranomaly

99.4596, -5.6410, 5.2918

## Tritanomaly

99.3977, -5.7918, 4.7142

# Monochromacy

## Original Color

99.4383, -7.2952, 4.7359

## Achromatopsia

99.1086, -5.2882, 5.3848

## Achromatomaly

99.3654, -5.9690, 5.1751

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 99.4383, -7.2952, 4.7359 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(249, 255, 255)` looks like.

```
.text, #text, p{  
    color:rgb(249, 255, 255)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(249, 255, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 255, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 99.4383, -7.2952, 4.7359 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(249, 255, 255) }
```



If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(249, 255, 255) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(249, 255, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 255, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 255, 255);  
box-shadow:4px 4px 4px 4px rgb(249, 255,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 99.4383, -7.2952, 4.7359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 255, 255) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(249,  
255, 255) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor